

U.S. Department of Energy Sustainability Performance Office DOE Sustainability SPOTlight

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SUSTAINABILITY NEWS

Department of Energy Releases 2014 Strategic Plan

DOE recently released its 2014 Strategic Plan. The Plan serves as a comprehensive blueprint to guide the agency's core mission of ensuring America's security and prosperity by addressing its energy, environmental, and nuclear challenges through transformative science and technology solutions.

To view the press release and read the Strategic Plan, visit:

<http://www.energy.gov/articles/department-energy-releases-2014-strategic-plan>.

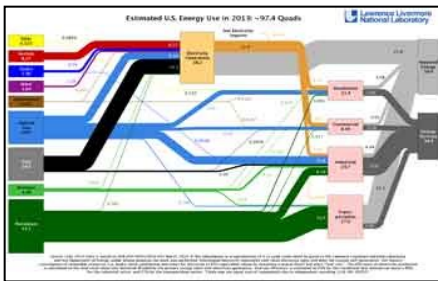
Secretary Moniz's Statement on IPCC's Report on Climate Change Mitigation

On April 13, 2014, Secretary Moniz issued a statement regarding the Intergovernmental Panel on Climate Change's Working Group report on climate change mitigation.

"The Intergovernmental Panel on Climate Change's latest report on mitigation makes it clear that the next ten to twenty years are critical if we are to avoid the worst consequences of climate change. The IPCC report notes that it will be substantially more difficult to maintain low GHG concentrations in the long term if we do not act aggressively now. The report also points out that there are many low-carbon energy pathways to a prosperous future while mitigating climate change risks to a significant degree."

To see the Secretary's full remarks, visit <http://energy.gov/articles/statement-secretary-moniz-ipccs-working-group-report-climate-change-mitigation>.

Energy Flow Chart of America's 2013 Use and Consumption Released



2013 Energy Flow Chart

Each year, the Lawrence Livermore National Laboratory (LLNL) releases energy flow charts that illustrate the nation's consumption and use of energy. Overall, the U.S. increased energy use by 2.3 quadrillion thermal units in the past year.

LLNL also released a companion chart illustrating the nation's energy-related carbon dioxide emissions. Total U.S. carbon dioxide emissions increased to 5,390 million metric tons, the first annual increase since 2010.

To view the recently released 2013 charts, visit:

<https://www.llnl.gov/news/newsreleases/2014/Apr/NR-14-04-01.html#Uz28HKhdXL>.

2014 GreenGov Presidential Awards Nominations Period Ends May 23



The GreenGov Presidential Awards celebrate extraordinary achievement in pursuit of Executive Order 13514, *Federal Leadership in Environmental, Energy and Economic Performance*, and honor exceptional individuals, teams, projects and facilities, and programs that exemplify President Obama's charge to lead by example in sustainability.

Nominations must be submitted by a Federal employee through the FedCenter website, between April 14, 2014 and May 23, 2014.

For more information, visit <https://www.fedcenter.gov/opportunities/awards/greengovpresidentialawards/> or contact the Sustainability Performance Office at sustainability@hq.doe.gov.

SUSTAINABILITY SUPERSTAR



Congratulations and thank you to the Office of Environmental Management for being the first DOE program element to submit their 2014 Composite Sustainability Plan (CSP). The CSPs augment annual reporting by DOE sites and National Laboratories and help chart a path forward to sustainability goal attainment.

Please help us recognize those who have achieved exceptional results while performing DOE's sustainability mission. Nominations can be sent to sustainability@hq.doe.gov.

Send us your champion!



White House Installs Solar Panels The White House recently completed construction of rooftop solar panels. The array will provide 6.3 kilowatts of solar generation and, along with other energy efficiency improvements, is estimated to pay for itself over the next eight years. To view an overview of the project, including remarks from Secretary Moniz and DOE's Solar Energy Technologies Office, visit: <https://www.youtube.com/watch?v=ORni8uiusll>.

UPCOMING EVENTS AND MILESTONES



(Click to view SPO Calendar) ↑

COURSES, WEBINARS, AND EVENTS

May 16: [DC Bike to Work Day](#)

May 20-21: [Sustainable Purchasing Leadership Council](#)

May 27: [Portfolio Manager 101](#)

May 28: [Portfolio Manager 201](#)

ON-DEMAND TRAINING

Certifications

[GSA-Sponsored LEED Training Certification for Federal Employees](#)

Financing

[ESPCs for Small Sites](#)

[UESCs and Energy Project Funds](#)

[Energy Savings Performance Contracting](#)

[Measurement and Verification in ESPCs](#)

Buildings

[Commissioning for Federal Facilities](#)

[Operations, Maintenance, and Commissioning](#)

[Implementing Deep Retrofits](#)

[Building Automation Systems for Existing Federal Facilities](#)

Water

[Water Efficiency Planning and Implementation](#)

[Stormwater Management & Water Conservation](#)

Data Centers

[Data Center Efficiency with ASHRAE Thermal Guidelines](#)

Fleet

[Complying with the EPA Act 2005 Section 701 Requirements](#)

SUCCESS STORIES

ORNL Takes the Old and Makes it New, Modern, and Energy Efficient

ORNL's Facilities and Operations Directorate recently renovated Wing 3 of Building 4500N, a 1950s era laboratory building on ORNL's campus. A little more than two years ago, 20,000 GSF of vacant and deteriorating labs, offices, and building infrastructure was designated to be repurposed into a modern, open office environment.

The modernization project gutted and rebuilt the entire wing to create 130 new offices with companion common areas, new amenities, daylighting, sky lights, energy efficient windows, high-efficiency HVAC and LED lighting, and DUO recycling office containers. The facility will strive for LEED Gold and was accomplished with 67,000 safe work hours. The modern and energy efficient office environment is now home to ORNL's Climate Change Science Institute.

For more information about ORNL's sustainability initiatives visit, http://sustainability-ornl.org/Pages/home_original.aspx.



Wing 3 of Building 4500N, March 2013 (top) and March 2014 (bottom)



SUSTAINABILITY NEWS

19th Annual U.S. Greenhouse Gas Emissions Inventory Published

EPA recently released its 2014 report, *Inventory of U.S. Greenhouse Gas Emissions and Sinks*. This annual report tracks total annual U.S. emissions and removals by source, economic sector, and greenhouse gas dating back to 1990. The national greenhouse gas inventory is submitted to the United Nations in accordance with the Framework Convention on Climate Change.

For more information, visit <http://epa.gov/climatechange/ghgemissions/usinventoryreport.html>

U.S. Global Change Research Program (USGCRP) Releases Climate Assessment

On May 6, 2014, the U.S. Global Change Research Program released the Third National Climate Assessment: *Climate Change Impacts in the United States*. The Third National Climate Assessment (NCA) serves as one of the most comprehensive, authoritative, and transparent scientific report on U.S. climate impacts, both as currently observed and as projected for the future.

For more information about USGCRP and to view the assessment, visit <http://www.globalchange.gov/>.

SUSTAINABILITY RESOURCES

Department of Veteran Affairs Releases Sustainable Design Manual

The Department of Veteran Affairs' Office of Construction & Facilities Management (CFM) recently published a sustainable building manual, to serve as a comprehensive guide for ensuring compliance with Federal sustainable buildings requirements.

To view the manual, or learn more about VA CFM's efforts, visit <http://www.cfm.va.gov/til/sustain.asp>.



Check out CEQ's latest GreenGov Leader newsletter:

<https://www.fedcenter.gov/assistance/newsletters/greengovleader/>